



shearing interferometer transmission reflection

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Fully symmetric nulling beam combiners - group of 4 »

E Serabyn, MM Colavita - APPLIED OPTICS, 2001 - ao.osa.org

... In contrast, in a rotational **shearing interferometer** ie, a Michelson ... a Definition of beam-splitter electric field **reflection** and **transmission** coefficients. ...

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Vectorial shearing interferometer - group of 4 »

G Paez, M Strojnik, GG Torales - APPLIED OPTICS, 2000 - ao.osa.org

... 7, one by **reflection**. ... an example of the experimental setup with the vectorial **shearing interferometer** used for testing a positive lens on **transmission**. ...

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Coherent gradient sensing- A Fourier optics analysis and applications to fracture - group of 6 »

H TIPPUR - Applied Optics, 1992 - ao.osa.org

... Recently a real-time lateral grating **shearing** inter-ferometry ... for the experimental setup for **transmission** CGS. ... opaque solids when studied in the **reflection** mode ...

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Cyclic shearing interferometer for collimating short coherence-length laser beams - group of 5 »

TD Henning, JL Carlsen - Applied Optics, 1992 - ao.osa.org

... fringe pattern is derived for a **shearing interferometer**, and how ... various optical surfaces of an **interferometer** can split ... law and the law of **reflection** can be ...

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Double lateral shearing interferometer for the quantitative measurement of tear film topography - group of 4 »

A Dubra, C Paterson, C Dainty - APPLIED OPTICS, 2005 - ao.osa.org

... 2. Theory In the lateral **shearing interferometer** described here ... of the wedges in **transmission** was neglected. ... optical axis of the **interferometer**, providing some ...

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Integrated Wavelength Locker for Cost-Effective Laser Packaging

WL Technology, WLF Integration - ieeexplore.ieee.org

... The **shearing** beam **interferometer** with lamellar ... H Wavelength (um) **Transmission** 0 (%) **Reflection** 0 (%) **Reflection** + 1 (%) **Reflection** - 1 (%) Contrast Factor ...

[Web Search](#)

Risley prisms to control wave-front tilt and displacement in a vectorial shearing interferometer - group of 7 »

G Garcia-Torales, M Strojnik, G Paez - APPLIED OPTICS, 2002 - ao.osa.org

... testing a positive lens in **transmission**. ... Double wedge plate **shearing interferometer** for collimation ... retroreflector with complex **reflection** coefficients," J ...

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... WAVEFRONTS IN DIGITAL HOLOGRAPHY APPLIED TO TRANSMISSION AND REFLECTION MICROSCOPY Tristan Colombt, ...

CD Depeursinge, P Marquet, PJ Magistretti - ieeexplore.ieee.org

... determination of phase without **shearing** or displacement of ... geometry: Mach-Zender **interferometer** b) **reflection** ... In the **transmission** geometry, the resolution for ...

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A rotation **shearing interferometer** with phase-compensated roof-prisms - group of 3 »

F Roddier, C Roddier, J Demarcq - Journal of Optics, 1978 - iop.org

 ... 1. - Perspective view of a rotation **shearing interferometer**. ... complex amplitude respectively along Ox and Oy. After a **reflection** or a **transmission**, the new ...

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Fully symmetric nulling beam combiners - group of 4 »

E Serabyn, MM Colavita - APPLIED OPTICS, 2001 - ao.osa.org

 ... electric field **reflection** and **transmission** coefficients. ... the outputs of a Michelson **interferometer**, in which ... as well to rotational **shearing** interferometers, in ...

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Vectorial **shearing interferometer** - group of 4 »

G Paez, M Strojnik, GG Torales - APPLIED OPTICS, 2000 - ao.osa.org

 ... 7, one by **reflection**. ... an example of the experimental setup with the vectorial **shearing interferometer** used for testing a positive lens on **transmission**. ...

 Cited by 9 - [Web Search](#) - [BL Direct](#)

A Lateral Wavefront **Shearing Interferometer** with Variable Shear - group of 4 »

A Lohmann, O Bryngdahl - Applied Optics, 1934 - ao.osa.org

 ... A pair of replica **transmission** gratings with 80 lines ... also be used, preferably when studying **reflection** objects ... 2. Folded version of the **shearing interferometer**. ...

 Cited by 13 - [Web Search](#)

An image-**shearing** speckle pattern **interferometer** for measuring bending moments - group of 3 »

JA Leendertz, JN Butters - J. Phys. E, 1973 - iop.org

 ... An image-**shearing** speckle-pattern **interferometer** for measuring ... report describes an interface which, using serial digital data **transmission**, permits the ...

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Coherent gradient sensing- A Fourier optics analysis and applications to fracture - group of 6 »

H TIPPUR - Applied Optics, 1992 - ao.osa.org

 ... Recently a real-time lateral grating **shearing** interferometry ... for the experimental setup for **transmission** CGS. ... opaque solids when studied in the **reflection** mode ...

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Generalized analysis of **shearing** interferometers as applied for gas dynamic studies - group of 4 »

W MERZKIRCH - Applied Optics, 1974 - ao.osa.org

 ... therefore not a true two-beam **interferometer**, since the ... 9 The **shearing** distance d is determined ... Another arrangement uses an optical **transmission** grating as ...

 Cited by 10 - [Web Search](#)

Rotary **Shearing Interferometry**

JD ARMITAGE Jr - Journal of Modern Optics, 1965 - Taylor & Francis

 ... is an image reverser such as a Dove prism (in **transmission**) or a roof prism (in **reflection**). ... Figure 4. Scheme of a general rotary **shearing interferometer**. ...

 Cited by 10 - [Web Search](#)

Simulations and experimental results with a vectorial **shearing interferometer** - group of 2 »

G Garcia-Torales, G Paez, M Strojnik - Optical Engineering, 2001 - link.aip.org

 ... for testing a positive lens in **transmission**. ... setup with the vectorial **shearing interferometer** for testing a parabolic mirror in **reflection**. ...

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	743540	interfer\$	US-PGPUB; USPAT	ADJ	ON	2006/02/16 13:24
L2	70237	shearing	US-PGPUB; USPAT	ADJ	ON	2006/02/16 12:45
L3	58918	grating	US-PGPUB; USPAT	ADJ	ON	2006/02/16 12:45
L4	1240054	transmit\$	US-PGPUB; USPAT	ADJ	ON	2006/02/16 12:45
L5	769942	reflect\$	US-PGPUB; USPAT	ADJ	ON	2006/02/16 12:46
L6	330	1 and 2 and 3 and 4 and 5	US-PGPUB; USPAT	ADJ	ON	2006/02/16 12:46
L7	535	1 and 2 and 3	US-PGPUB; USPAT	ADJ	ON	2006/02/16 12:47
L8	147	1 same 2 same 3	US-PGPUB; USPAT	ADJ	ON	2006/02/16 12:47
L9	91	1 with 2 with 3	US-PGPUB; USPAT	ADJ	ON	2006/02/16 12:47
L10	63	9 and "356"/\$.ccls.	US-PGPUB; USPAT	ADJ	ON	2006/02/16 13:25
L11	28	9 not 10	US-PGPUB; USPAT	ADJ	ON	2006/02/16 12:55
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L13	39	12 and "356"/\$.ccls.	US-PGPUB; USPAT	ADJ	ON	2006/02/16 13:11
L14	17	12 not 13	US-PGPUB; USPAT	ADJ	ON	2006/02/16 13:00
L15	222	6 not 8	US-PGPUB; USPAT	ADJ	ON	2006/02/16 13:00
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L24	222425	interfer\$	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/16 13:19
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L26	51308	grating	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/16 13:19
L27	1213757	transmit\$	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/16 13:19
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L30	38	24 and 25 and 26	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/16 13:20
L31	1937	1 and 2 and 4 and 5	US-PGPUB; USPAT	ADJ	ON	2006/02/16 13:25
L32	1607	31 not 6	US-PGPUB; USPAT	ADJ	ON	2006/02/16 13:25
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L34	941	1 with 2	US-PGPUB; USPAT	ADJ	ON	2006/02/16 13:40
L35	375	34 and "356"/\$.ccls.	US-PGPUB; USPAT	ADJ	ON	2006/02/16 13:40
L36	64	35 not (6 or 10 or 13 or 16 or 20 or 33)	US-PGPUB; USPAT	ADJ	ON	2006/02/16 13:47
L37	223	34 and 4 with 5	US-PGPUB; USPAT	ADJ	ON	2006/02/16 13:48
L38	27	24 and 25 and 27 and 28	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/16 13:58